

Converting Colors

YIQ(114.7190, 26.4970, 20.9050)

Have a look what the booklet for
YIQ(114.7190, 26.4970, 20.9050)
contains.

YIQ(114.7190, 26.4970, 20.9050)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(114.7190, 26.4970,
20.9050)**

Conversions

Conversions Part 1

Format	Color
Hex	995E79
RGB	153, 94, 121
RGB Percent	60%, 37%, 47%
CMY	0.3998, 0.6315, 0.5254
CMYK	0.00, 0.39, 0.21, 0.40
HSL	333°, 24%, 48%
HSV	333°, 39%, 60%
XYZ	20.5975, 16.1582, 20.1293
YIQ	114.7190, 26.4970, 20.9050

Conversions

Conversions Part 2

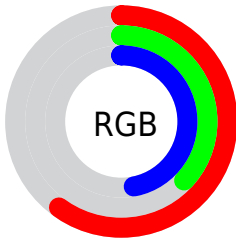
Format	Color
R_{YB}	153, 94, 121
Decimal	10051193
CIE _{Lab}	47.18, 27.99, -5.00
CIE _{LCh}	47, 28.437, 349.872
Yxy	16.1582, 0.3621, 0.2841
Android (android.graphics.Color)	4288241273 (0xFF995E79)
YUV	114.7190, 3.0965, 33.5724
Hunter-Lab	40.1973, 21.1197, -1.5521

Details

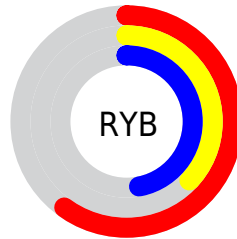
The YIQ color **114.7190, 26.4970, 20.9050** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **132.2810, -26.4970, -20.9050**, and the grayscale version is **115.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **167.0290, 28.5600, 22.0640**, and **65.2240, 23.5170, 19.8450** is the 20% darker color. If you saturate the color by 10%, you get **105.0020, 33.1900, 26.2620**, and if you desaturate by 10%, it is **124.4360, 19.8040, 15.5480**.

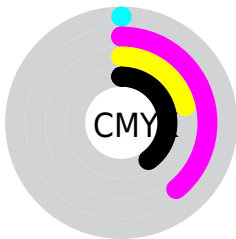
Distribution



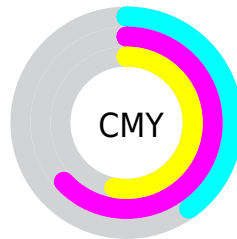
- Red (60%)
- Green (37%)
- Blue (47%)



- Red (60%)
- Yellow (37%)
- Blue (47%)



- Cyan (0%)
- Magenta (39%)
- Yellow (21%)
- Black (40%)





- Cyan (40%)
- Magenta (63%)
- Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the YIQ color 114.7190, 26.4970, 20.9050 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 114.7190, 26.4970, 20.9050 by changing the saturation by 10% instead.


 114.7190, 26.4970,
20.9050


 114.7190, 26.4970,
20.9050


255.0000, -0.0000,
-0.0000


 89.7080, 25.0300,
19.9580


 167.3280, 29.1560,
22.2760


 65.2240, 23.5170,
19.8450


 194.7410, 29.4310,
22.7990

 41.6260, 22.3250,
19.4210

 219.7510, 23.4710,
20.6790

 18.5550, 21.0870,
19.8310

 239.1510, 7.4250,
14.1210

 8.7850, 16.9630,
6.4590

 0.0000, 0.0000,
0.0000

■ 114.7190, 26.4970,
20.9050

■ 114.7190, 26.4970,
20.9050

■ 105.0020, 33.1900,
26.2620

■ 124.4360, 19.8040,
15.5480

■ 94.5840, 40.4790,
31.8310

■ 134.8540, 12.5150,
9.9790

■ 84.8670, 47.1720,
37.1880

■ 144.5710, 5.8220,
4.6220

■ 75.1500, 53.8650,
42.5450

■ 154.2880, -0.8710,
-0.7350

■ 64.8460, 60.8330,
48.4250

■ 164.1190, -7.8850,
-5.7810

■ 55.0150, 67.8470,
53.4710


■ 174.4230,
-14.8530, -11.6610

■ 53.7270, 68.7180,
54.2060

■ 184.1400,
-21.5460, -17.0180

■ 193.8570,

-28.2390, -22.3750

 204.2750,
-35.5280, -27.9440

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



115.0680, 6.4610, 20.5810



114.7190, 26.4970, 20.9050



113.7770, 37.7770, 14.7130

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



114.7190, 26.4970, 20.9050



108.2180, 13.3450, -16.0870



92.3730, -73.3100, -15.0220

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



114.7190, 26.4970, 20.9050



132.2810, -26.4970, -20.9050

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.1420, -68.5860, -23.5460



114.7190, 26.4970, 20.9050



105.2630, -8.8910, -20.5950

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



114.7190, 26.4970, 20.9050



111.1710, 29.8950, -7.6490



100.0780, -36.1710, -21.7950



105.3430, -46.2620, 1.4020

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



114.7190, 26.4970, 20.9050



112.6320, 39.3830, 7.6310



100.0780, -36.1710, -21.7950



88.3890, -79.4070, -20.1670

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



114.7190, 26.4970, 20.9050



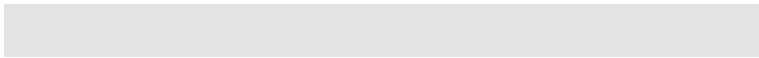
183.4300, 10.7730, 8.5090



109.9950, -0.4630, 24.9210



90.5710, 5.8220, 4.6220



227.0000, -0.0000, -0.0000



99.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



114.7190, 26.4970, 20.9050



139.2960, 41.3500, 32.5660



112.8150, 34.6140, 11.4620



71.7340, 3.8050, 2.6290



49.1560, 62.8960, 49.5840



4.5710, 5.8220, 4.6220

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



114.7190, 26.4970, 20.9050



139.2960, 41.3500, 32.5660



134.1850, -34.6140, -11.4620



71.7340, 3.8050, 2.6290



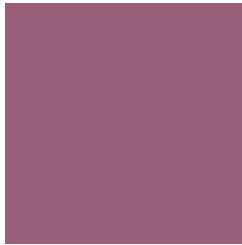
49.1560, 62.8960, 49.5840



4.5710, 5.8220, 4.6220

Previews

White Background



This preview shows how the YIQ color 114.7190, 26.4970, 20.9050 looks on a white background.

Color Contrast Check

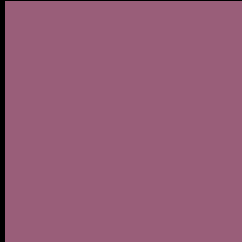
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 114.7190, 26.4970, 20.9050 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

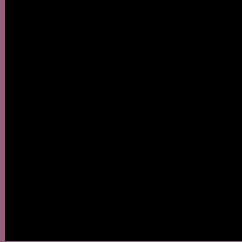
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 114.7190, 26.4970, 20.9050

Background



This preview shows how black text looks on a background with the YIQ color 114.7190, 26.4970, 20.9050.



This preview shows how white text looks on a background with the YIQ color 114.7190, 26.4970,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

114.7190, 26.4970, 20.9050

Protanopia

112.4970, -8.5290, 5.8950

Deuteranopia

113.3150, 3.6670, 5.1310



Tritanopia

113.9440, 29.9370, 13.6250

Trichromacy



Original Color

114.7190, 26.4970, 20.9050

Protanomaly

113.3030, 3.9410, 11.1810

Deuteranomaly

114.0820, 11.8730, 10.6010

Tritanomaly

114.3400, 28.8820, 16.2260

Monochromacy



Original Color

114.7190, 26.4970, 20.9050

Achromatopsia

115.0000, -0.0000, 0.0000

Achromatomaly

114.7180, 9.9020, 7.7740

CSS Examples

Text

The CSS property to change the color of the text to YIQ 114.7190, 26.4970, 20.9050 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(153, 94, 121)` looks like.

```
.text, #text, p{  
    color:rgb(153, 94, 121)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(153, 94, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 94, 121) }
```

Border

The CSS property to change the border of an element to YIQ 114.7190, 26.4970, 20.9050 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(153, 94, 121) }
```


If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(153, 94, 121) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(153, 94, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 94, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 94, 121);  
box-shadow:4px 4px 4px 4px rgb(153, 94,  
121) }
```

Background

The CSS property to change the background color of an element to YIQ 114.7190, 26.4970, 20.9050 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 94, 121) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(153, 94,  
121) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor